

110TH CONGRESS  
1ST SESSION

# H. R. 85

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IN THE SENATE OF THE UNITED STATES

MARCH 13, 2007

Received; read twice and referred to the Committee on Energy and Natural  
Resources

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## AN ACT

To provide for the establishment of centers to encourage demonstration and commercial application of advanced energy methods and technologies.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

1 **SECTION 1. SHORT TITLE.**

2       This Act may be cited as the “Energy Technology  
3 Transfer Act”.

4 **SEC. 2. ENERGY TECHNOLOGY TRANSFER.**

5       Section 917 of the Energy Policy Act of 2005 (42  
6 U.S.C. 16197) is amended to read as follows:

7 **“SEC. 917. ADVANCED ENERGY TECHNOLOGY TRANSFER**  
8 **CENTERS.**

9       “(a) GRANTS.—Not later than 18 months after the  
10 date of enactment of the Energy Technology Transfer Act,  
11 the Secretary shall make grants to nonprofit institutions,  
12 State and local governments, cooperative extension serv-  
13 ices, or institutions of higher education (or consortia  
14 thereof), to establish a geographically dispersed network  
15 of Advanced Energy Technology Transfer Centers, to be  
16 located in areas the Secretary determines have the great-  
17 est need of the services of such Centers. In making awards  
18 under this section, the Secretary shall—

19               “(1) give priority to applicants already oper-  
20 ating or partnered with an outreach program capa-  
21 ble of transferring knowledge and information about  
22 advanced energy efficiency methods and tech-  
23 nologies;

24               “(2) ensure that, to the extent practicable, the  
25 program enables the transfer of knowledge and in-  
26 formation—

1 “(A) about a variety of technologies; and

2 “(B) in a variety of geographic areas;

3 “(3) give preference to applicants that would  
4 significantly expand on or fill a gap in existing pro-  
5 grams in a geographical region; and

6 “(4) consider the special needs and opportuni-  
7 ties for increased energy efficiency for manufactured  
8 and site-built housing, including construction, ren-  
9 ovation, and retrofit.

10 “(b) ACTIVITIES.—Each Center shall operate a pro-  
11 gram to encourage demonstration and commercial applica-  
12 tion of advanced energy methods and technologies through  
13 education and outreach to building and industrial profes-  
14 sionals, and to other individuals and organizations with  
15 an interest in efficient energy use. Funds awarded under  
16 this section may be used for the following activities:

17 “(1) Developing and distributing informational  
18 materials on technologies that could use energy more  
19 efficiently.

20 “(2) Carrying out demonstrations of advanced  
21 energy methods and technologies.

22 “(3) Developing and conducting seminars,  
23 workshops, long-distance learning sessions, and  
24 other activities to aid in the dissemination of knowl-

1 edge and information on technologies that could use  
2 energy more efficiently.

3 “(4) Providing or coordinating onsite energy  
4 evaluations, including instruction on the commis-  
5 sioning of building heating and cooling systems, for  
6 a wide range of energy end-users.

7 “(5) Examining the energy efficiency needs of  
8 energy end-users to develop recommended research  
9 projects for the Department.

10 “(6) Hiring experts in energy efficient tech-  
11 nologies to carry out activities described in para-  
12 graphs (1) through (5).

13 “(c) APPLICATION.—A person seeking a grant under  
14 this section shall submit to the Secretary an application  
15 in such form and containing such information as the Sec-  
16 retary may require. The Secretary may award a grant  
17 under this section to an entity already in existence if the  
18 entity is otherwise eligible under this section. The applica-  
19 tion shall include, at a minimum—

20 “(1) a description of the applicant’s outreach  
21 program, and the geographic region it would serve,  
22 and of why the program would be capable of trans-  
23 ferring knowledge and information about advanced  
24 energy technologies that increase efficiency of energy  
25 use;

1           “(2) a description of the activities the applicant  
2           would carry out, of the technologies that would be  
3           transferred, and of any other organizations that will  
4           help facilitate a regional approach to carrying out  
5           those activities;

6           “(3) a description of how the proposed activities  
7           would be appropriate to the specific energy needs of  
8           the geographic region to be served;

9           “(4) an estimate of the number and types of  
10          energy end-users expected to be reached through  
11          such activities; and

12          “(5) a description of how the applicant will as-  
13          sess the success of the program.

14          “(d) SELECTION CRITERIA.—The Secretary shall  
15          award grants under this section on the basis of the fol-  
16          lowing criteria, at a minimum:

17                 “(1) The ability of the applicant to carry out  
18                 the proposed activities.

19                 “(2) The extent to which the applicant will co-  
20                 ordinate the activities of the Center with other enti-  
21                 ties as appropriate, such as State and local govern-  
22                 ments, utilities, institutions of higher education, and  
23                 National Laboratories.

1           “(3) The appropriateness of the applicant’s out-  
2       reach program for carrying out the program de-  
3       scribed in this section.

4           “(4) The likelihood that proposed activities  
5       could be expanded or used as a model for other  
6       areas.

7       “(e) COST-SHARING.—In carrying out this section,  
8       the Secretary shall require cost-sharing in accordance with  
9       the requirements of section 988 for commercial application  
10      activities.

11      “(f) DURATION.—

12           “(1) INITIAL GRANT PERIOD.—A grant awarded  
13      under this section shall be for a period of 5 years.

14           “(2) INITIAL EVALUATION.—Each grantee  
15      under this section shall be evaluated during its third  
16      year of operation under procedures established by  
17      the Secretary to determine if the grantee is accom-  
18      plishing the purposes of this section described in  
19      subsection (a). The Secretary shall terminate any  
20      grant that does not receive a positive evaluation. If  
21      an evaluation is positive, the Secretary may extend  
22      the grant for 3 additional years beyond the original  
23      term of the grant.

24           “(3) ADDITIONAL EXTENSION.—If a grantee re-  
25      ceives an extension under paragraph (2), the grantee

1 shall be evaluated again during the second year of  
2 the extension. The Secretary shall terminate any  
3 grant that does not receive a positive evaluation. If  
4 an evaluation is positive, the Secretary may extend  
5 the grant for a final additional period of 3 additional  
6 years beyond the original extension.

7 “(4) LIMITATION.—No grantee may receive  
8 more than 11 years of support under this section  
9 without reapplying for support and competing  
10 against all other applicants seeking a grant at that  
11 time.

12 “(g) PROHIBITION.—None of the funds awarded  
13 under this section may be used for the construction of fa-  
14 cilities.

15 “(h) DEFINITIONS.—For purposes of this section:

16 “(1) ADVANCED ENERGY METHODS AND TECH-  
17 NOLOGIES.—The term ‘advanced energy methods  
18 and technologies’ means all methods and tech-  
19 nologies that promote energy efficiency and con-  
20 servation, including distributed generation tech-  
21 nologies, and life-cycle analysis of energy use.

22 “(2) CENTER.—The term ‘Center’ means an  
23 Advanced Energy Technology Transfer Center estab-  
24 lished pursuant to this section.

1           “(3) DISTRIBUTED GENERATION.—The term  
 2           ‘distributed generation’ means an electric power gen-  
 3           eration technology, including photovoltaic, small  
 4           wind, and micro-combined heat and power, that  
 5           serves electric consumers at or near the site of pro-  
 6           duction.

7           “(4) COOPERATIVE EXTENSION.—The term  
 8           ‘Cooperative Extension’ means the extension services  
 9           established at the land-grant colleges and univer-  
 10          sities under the Smith-Lever Act of May 8, 1914.

11          “(5) LAND-GRANT COLLEGES AND UNIVER-  
 12          SITIES.—The term ‘land-grant colleges and univer-  
 13          sities’ means—

14               “(A) 1862 Institutions (as defined in sec-  
 15               tion 2 of the Agricultural Research, Extension,  
 16               and Education Reform Act of 1998 (7 U.S.C.  
 17               7601));

18               “(B) 1890 Institutions (as defined in sec-  
 19               tion 2 of that Act); and

20               “(C) 1994 Institutions (as defined in sec-  
 21               tion 2 of that Act).

22          “(i) AUTHORIZATION OF APPROPRIATIONS.—In addi-  
 23          tion to amounts otherwise authorized to be appropriated  
 24          in section 911, there are authorized to be appropriated



1 for the program under this section such sums as may be  
2 appropriated.”.

Passed the House of Representatives March 12, 2007.

Attest: LORRAINE C. MILLER,  
*Clerk.*